st and Final / M. A. R. 57 (Rule 116) AGS/SSO/SBE/000072/19-20 d.25/10/19

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Measurement Book No. B

490344

..... From..... To.....

nature of Agency ..... M/s Inchara Constructions .....

f commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
Name of the work: Drilling of bore wells and providing pump motor in Medarahalli, Shettihalli and chikka Soodra Abbigere Village and Surrounding area in ward no: 12 of Shettihalli Sub division						
Estimate cost Rs 40.00 Lakhs						
Job code NO: → 012-19-000044						
AS NO ; → BBMP/EE/DD/AS/138/2018-19						
TS NO: → BBMP/CE/DZ/1ST/2018-19						
W.O. NO: → BBMP/EE/DD/W.O/337/2019-20 dated 30-5-2019						

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MEASUREMENT BOOK

Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
2	3	4	5	6	7	

1) Geophysical investigation of site for sinking of bore well for supplying drinking water to the human either through the hand pump m/cs or piss by vertical installation sounding by adopting Vedmore or Schlumbergers method etc complete as per specification

1) opposite Krishnareddy Shethhalli main Road Rd - 1 No
2) S.K. Hospital near Shethhalli main Road - 1 No
3) Abbigere L.V. college - 1 No
4) 17th cross Munisuvappa layout Y-junction circle, K.G. halli - 1 No

4 No

@ Rate Rs 2016/each Rs 8064

06/06/19

M. A. R. 57 (Rule 116)
Measurement Book

No. B 490345

al No. .....
ne of Work ..... From..... To.....
ne of Contractor of nature of Agency .....
of commencement of work .....

Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
2	3	4	5	6	7	8
2) Sinking of Bore well of 165 mm dia clear using super fast hydraulic rig of Capacity 250 PSIG and above 500 CFM and above in all strata including over burden up to 20 m fixing of casing pipe, collars cap with necessary cutting boring threading and welding etc complete as per specifications						
BF premeasure must be recorded in this M/B vide page No: 490376 to 490346						
i.e 200.00 mtr.						
1) 0-50 m - @ Rate Rs 328/mtr					Rs 65,600=00	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	3) b) 50 - 100 mm	-	200.00 m	@ Rate	Rs 423/mtr	Rs 85	
	4) c) 100 - 150 mm	-	200.00 m	@ Rate	Rs 477/mtr	Rs 95	
	5) d) 150 - 200 mm	-	200.00 m	@ Rate	Rs 504/m	Rs 100	
	6) e) 200 - 250 mm	-	200.00 m	@ Rate	Rs 583/m	Rs 1,16,6	
	7) f) 250 - 300 mm	-	200.00 m	@ Rate	Rs 625/m	Rs 1,25,0	
	8) g) 300 - 350 mm	-	120.00 m	@ Rate	Rs 666/m	Rs 79,9	
	9) Supplying of ISI mark 175 mm dia nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance conforming to IS 1367/1993 steel tube material conforming to IS 1387/1993 and manufactured from hot rolled steel sheet/ strips etc complete as per Specification.						

M. A. R. 57 (Rule 116)
Measurement Book

No. B 490346

Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
BF Page measurement Recorded from this page vide page No: 490379						
	i.e	276.00	m	@ Rate Rs 1378/mtr		Rs 3,80328=00
Providing and fixing 250 mm dia pvc pipe and as per specification						03/07/19
BF Page measurement Recorded from this page vide page No: 490380						
	i.e	72.00	m	@ Rate Rs 1179/mtr		Rs 84,888=00

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MEASUREMENT BOOK

M. A. R. 57 (Rule 116)
Measurement Book

No. B 490347

al No. .....
e of Work ..... From..... To.....
e of Contractor of nature of Agency .....
of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	14) 175 mm dia Casing Cap BF Location and Qlty Same as item no (1) ie 4 Nos @ Rate Rs 104/-					Rs 416	
	12) Supply of 175 mm MS Collar BF location Same as item no (1) ie 4 · 12 = 48 Nos @ Rate Rs 156/-					Rs 7488	
	13) Supply, cost delivery at site of MS Round textile/ removal/ lubi/ Sabar/ Alakatra/ Calcrete make Suitable HP deep well Submersible pump set Suitable for vertical installation for 150 dia borewell Comprising of Single stage ar						
	multi stage CF pump closed coupled by means of stainless steel coupling to Suitable HP etc complete as per specification. 15 HP 25 stage BF pressure test Recorded in this MB vide page No: 490380 ie 4 Nos @ Rate Rs 72,108/-					Rs 2,88,432=00	
	15) Providing laying cost jointing GI pipes Conforming to IS Specifications of approved make with fittings Such as collars bends elbows tees nipples plugs with cuts threads resting etc complete						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	BF location and qtty same as item no (1)						
	ie 4 Nos @Rate Rs 15400/-					Rs 61,600	
17)	Fabricating supplying and providing MS box of 16 SWG Suitable for floor/wall mounting fully weather proof with provision for better heat proof close: pattern (providing with hinged front cover equipped with tamper proof locking arrangement etc complete as per specification						
	BF location same as item no: (1)						
	ie 4	1100.00	20.00	—		88000.00 cm²	
	19/08/19 @Rate Rs 0.35/Sq.cm					Rs 30800/-	

M. A. R. 57 (Rule 116)
Measurement Book

No. B
490349

No. .....
of Work ..... From..... To.....
of Contractor of nature of Agency .....
of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
15) Providing and fixing of clamp sets						
BF location same as item no (1)						
ie 4 Nos @Rate Rs 1985/each					Rs 7940=00	
16) Supplying delivery of brand new best make non return valve of size 50 mm as per IS 778/84 with latest arrangements etc complete						
BF qtty and location same as item no (1)						
ie 4 Nos @Rate Rs 1985/—					Rs 7940=00	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
20)	Supplying and delivery of brand new best-make Gate valve of size 50 mm as per I.S 778/84 with latest ground ends etc complete BF Qtty and location same as item no (4) ie 4 NO @ Rate 1988/- each					Rs 7940/-	
21)	Providing and fixing of 50 mm GI short bend to motor BF location Qtty same as item no (5) ie 4 Nos @ Rate Rs 242/-					Rs 968/-	
22)	Providing & fixing of GI reducer 65 to 50 mm BF Qtty and location same as item (1) ie 4 Nos @ Rate Rs 247/-					Rs 988/-	

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Measurement Book

No. B

490350

No. .....
e of Work ..... From..... To.....
e of Contractor of nature of Agency .....
of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
23) Supplying and fixing 50 mm GI elbow. BF Qtty and location same as item no (1) ie 4 Nos @ Rate 94/-					Rs 1880/-	
24) Labour charges for erection of new/repaired submersible pump set along 25 mm GI pipes (32/50 mm) cable (new submersible pump set. pump set if required 25 M be supplied by the department etc complete as per specification. BF Pump and motor Recovered to this note vide page No' ie 200 m note @ rate Rs 94/-					Rs 18,800=00	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	

25) Erection of combined panel Board meter board with all necessary materials and labour including providing CC 1:3:6 foundation etc complete.
BF Qty and location as item no (1)
ie 4 Nos @ Rate Rs 494/- Rs 1976=00

26) Supplying and fixing miniature circuit breakers / isolators on existing MCB distribution boards etc complete as per specification.
BF Qty and location same as item no (19)
ie 4 Nos @ Rate Rs 943/- Rs 3772=00

27) Supplying and laying of LT UG Cable having aluminium conductor pvc insulated

M. A. R. 57 (Rule 116)
Measurement Book

No. B

490351

Final No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8

Sheathed galvanised steel wire/steel tape around cable with pvc outer sheathing 1.1KV class 4 core 16 sq mm etc complete.
BF location same as item no (19)
ie 4 45.00 - 180.00 mtr
@ Rate Rs 177/- Rs 31860=00

28) Digging of trenches for of 0.60x0.50 m wide refilling the trench to the required ground level and consolidating etc complete as per specification.

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	BF Location Sketch as item no (13)						
		4	45.00	–	–	180.00 Rmt	
	@ Rate Rs 59/–					Rs 10,62	
28)	Supplying and fixing class G.I pipe on wall/wall/drain crossing with necessary clamping arrangement for U/G Cable						
	BF Location Sketch as item no (19)						
		4	3.00	–	12.00 Rmt		
	@ Rate Rs 259/–					Rs 3108=00	
29)	Supplying and fixing sizing earth electrode for grounding conduit ie circuits and other equipments on the master board with 40mm pipe						

M. A. R. 57 (Rule 116)
Measurement Book

No. B 490352

Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
2	3	4	5	6	7	8
2.90m long thick G.I pipe 2.50m long bedded in a pit the pit should be filled with equal proportion of charcoal and salt etc complete as per specification						
BF Location Sketch as item (23)						
ie	4 Nos	@ Rate	Rs 1767/–		Rs	7068=00
30) Supplying and fixing LT class porcelain pot heads suitable for 1.1 kV class 16 sq mm U/G cable						
BF atty and Location Sketch as item (25)						
ie	4 Nos	@ Rate Rs 283/–			Rs	1132=00

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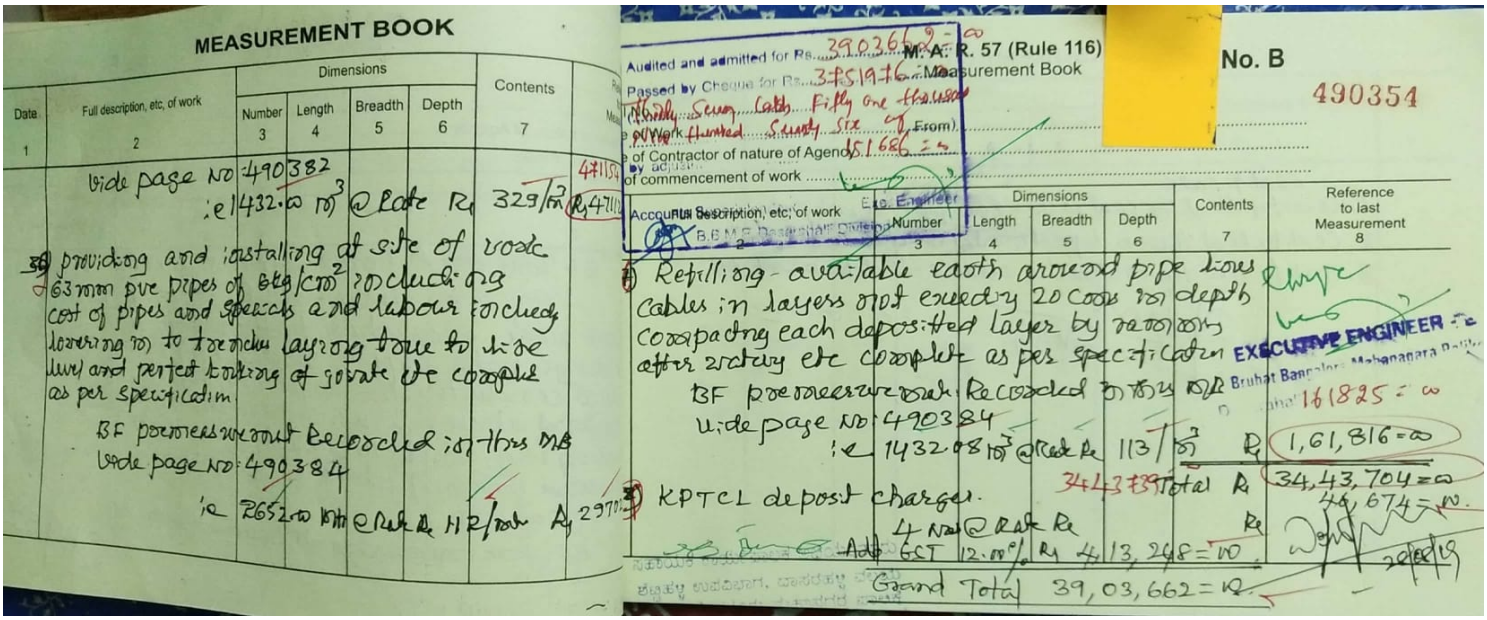

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	
1	2	3	4	5	6	7	
	vide page No 490382 ie 1432.00 m³ @ Rate Rs 329/m³					Rs 471152	
	providing and installing at site of work 63 mm pvc pipes of 6kg/cm² including cost of pipes and specials and labour including lowering in to trenches laying true to line and level and perfect jointing of joints etc complete as per specification. BF premeasurement Recorded in this MB vide page No: 490384 ie 265.2 m @ Rate Rs 112/mtr					Rs 29706	

Audited and admitted for Rs. 2903659=00
Passed by Cheque for Rs. 3,55,197=00
(Rupees Seven Lakh Fifty one thousand One Hundred Seventy Six only)
Work Executed by M/s. [illegible] (Name and address of Contractor of nature of Agency)
Date of commencement of work .....
Accounts Section, etc, of work .....

M. A. R. 57 (Rule 116)
Measurement Book
No. B 490354

Exe. Engineer

Description	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
2	3	4	5	6	7	8
Refilling available earth around pipe lines cables in layers not exceeding 20 cms in depth compacting each deposited layer by rammers after watering etc complete as per specification BF premeasurement Recorded in this MB vide page No: 490384 ie 1432.08 m³ @ Rate Rs 113/m³					Rs 1,61,816=00	
					Total Rs 34,43,704=00	
KPTCL deposit charges. 4 Nos @ Rate Rs					Rs 4,00,000=00	
Add GST 12.00%					Rs 4,13,958=00	
Grand Total					39,03,662=00	

EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara Palike

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